

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098976.D
 Acq On : 30 Sep 2017 21:30
 Operator : SJ/JU
 Sample : I5551-07 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-092917-C

Manual Integrations
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Sohil
 10/2/2017 5:44:38 PM

Quant Time: Oct 01 01:19:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	124293	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	460676	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	172083	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	261827	20.00	ng	0.00
75) Chrysene-d12	14.08	240	241400	20.00	ng	0.00
86) Perylene-d12	15.58	264	163562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	150427	19.27	ng	-0.01
7) Phenol-d6	6.53	99	180483	18.74	ng	-0.01
23) Nitrobenzene-d5	7.47	82	103808	14.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	18153	12.89	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	192368	18.66	ng	-0.01
78) Terphenyl-d14	13.02	244	144304	13.59	ng	-0.01
Target Compounds						
74) Fluoranthene	12.65	202	39744	2.801	ng	99
77) Pyrene	12.89	202	44084	2.395	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

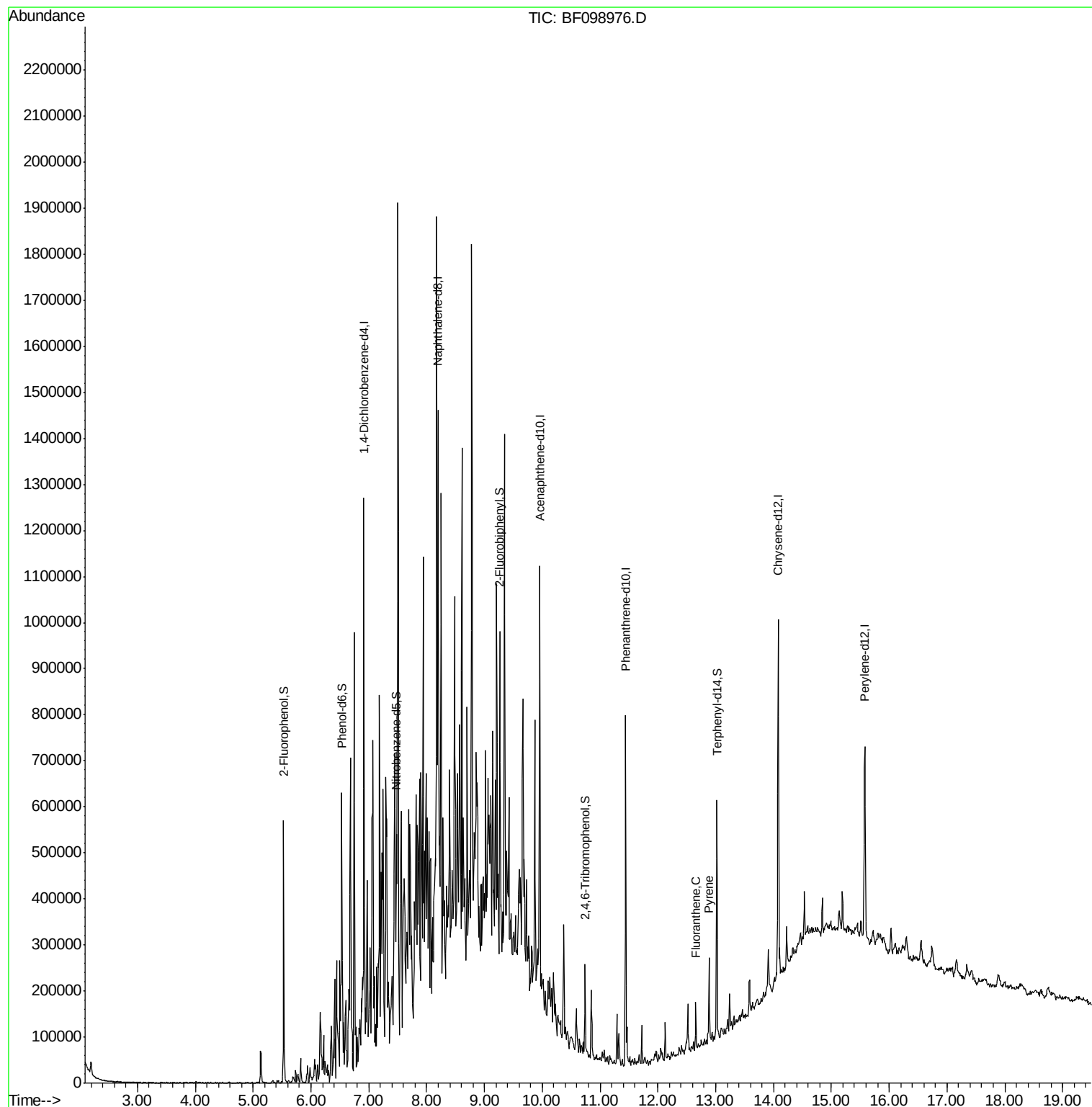
Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098976.D
Acq On : 30 Sep 2017 21:30
Operator : SJ/JU
Sample : I5551-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

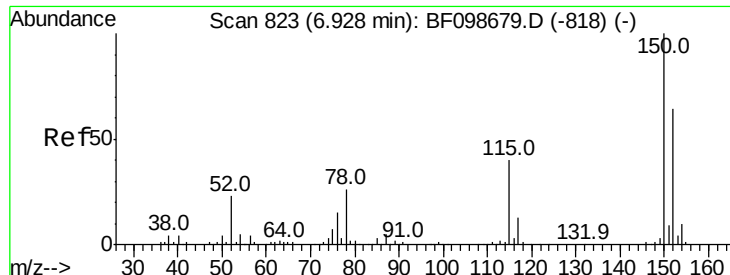
Instrument :
BNA_F
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JC-03-092917-C

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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#1

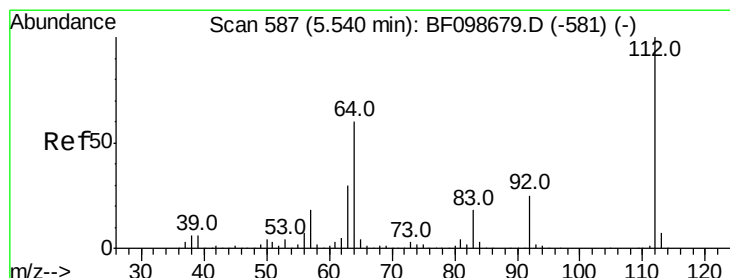
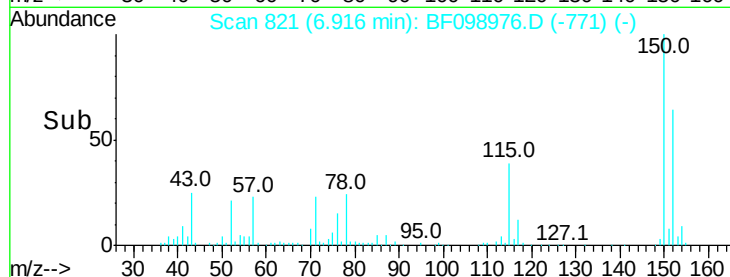
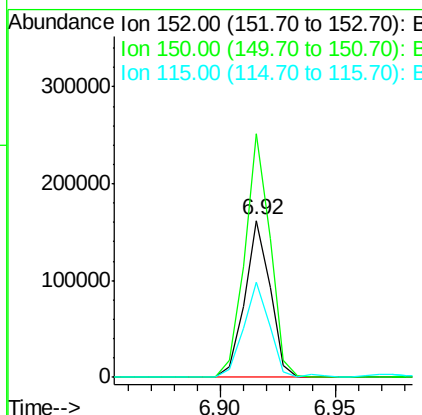
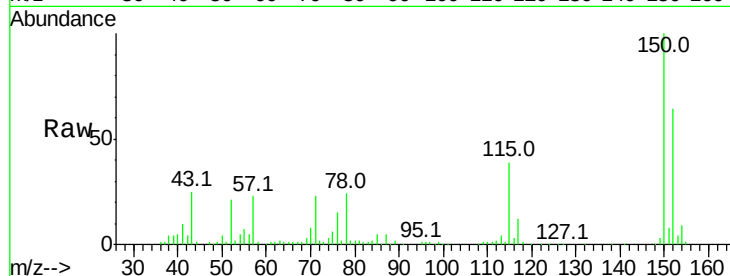
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098976.D
Acq: 30 Sep 2017 21:30

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	61.0	50.1	75.1

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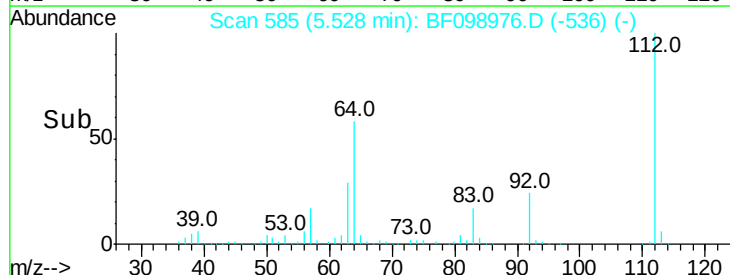
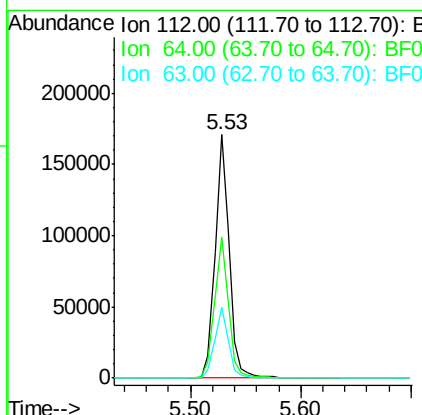
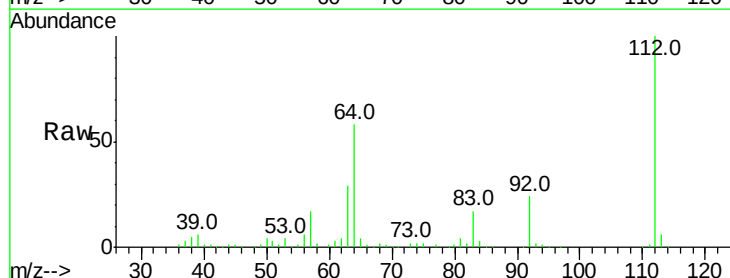
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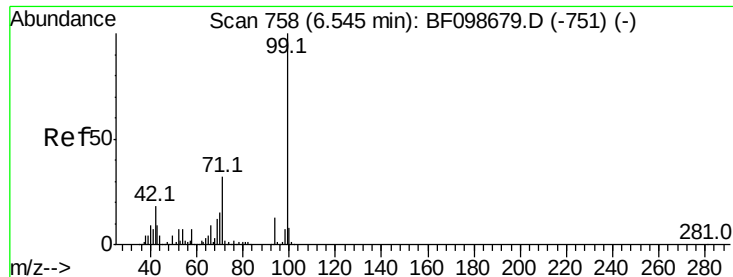


#5

2-Fluorophenol
Concen: 19.266 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098976.D
Acq: 30 Sep 2017 21:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	29.2	23.7	35.5





#7

Phenol-d6

Concen: 18.738 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098976.D

Acq: 30 Sep 2017 21:30

Instrument :

BNA_F

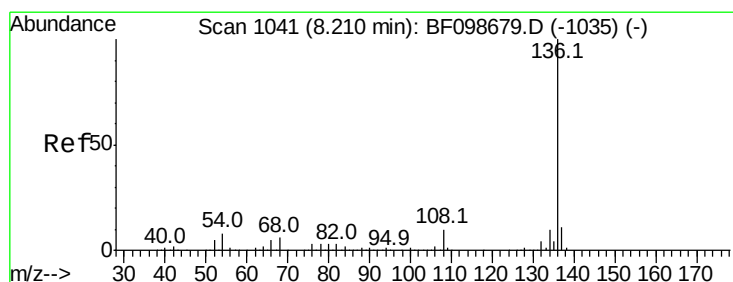
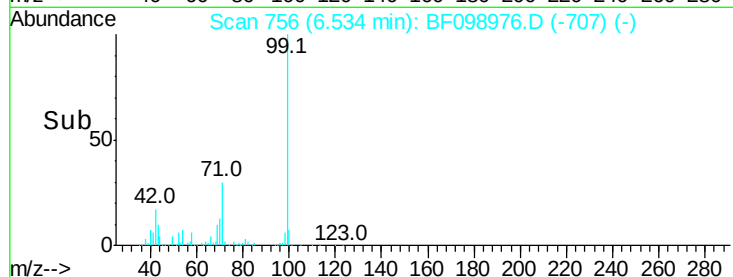
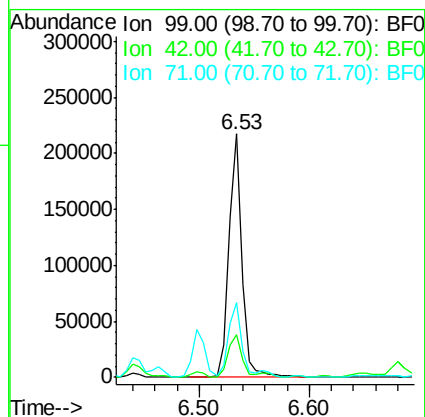
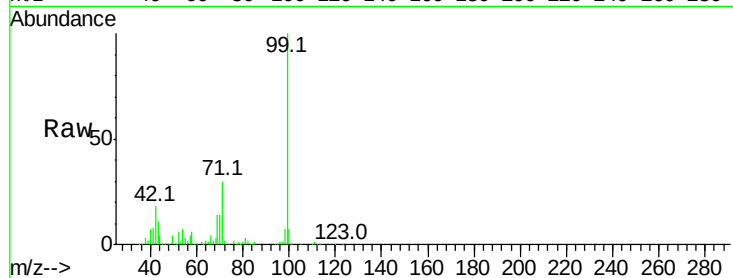
ClientSampleId :

JC-03-092917-C

Tot Ion:	99	Resp:	180483
Ion Ratio	Lower	Upper	
99	100		
42	17.7	14.5	21.7
71	30.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

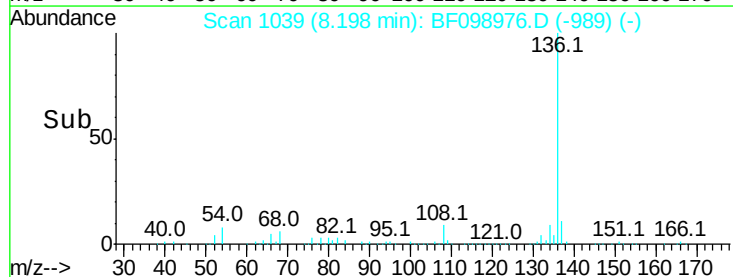
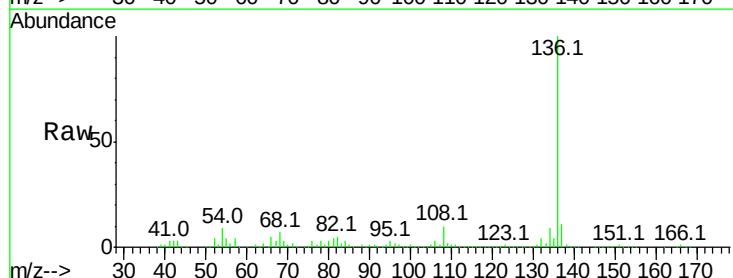
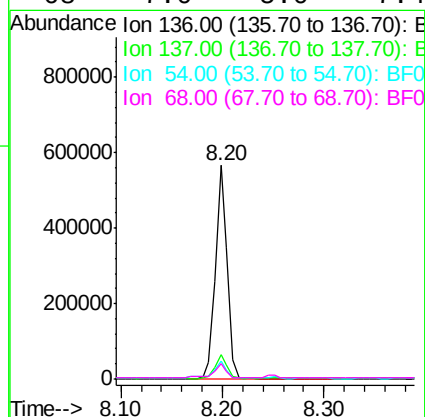
RT: 8.20 min Scan# 1039

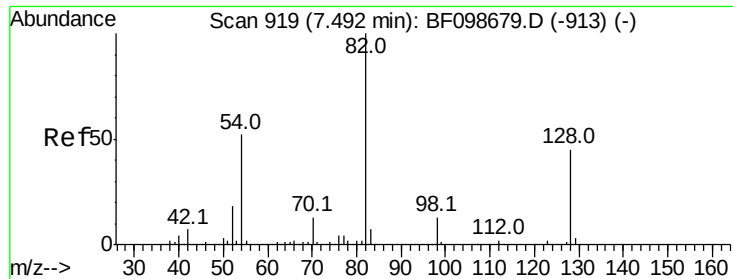
Delta R.T. -0.01 min

Lab File: BF098976.D

Acq: 30 Sep 2017 21:30

Tgt Ion:	136	Resp:	460676
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.6	6.6	9.8
68	7.0	5.0	7.4





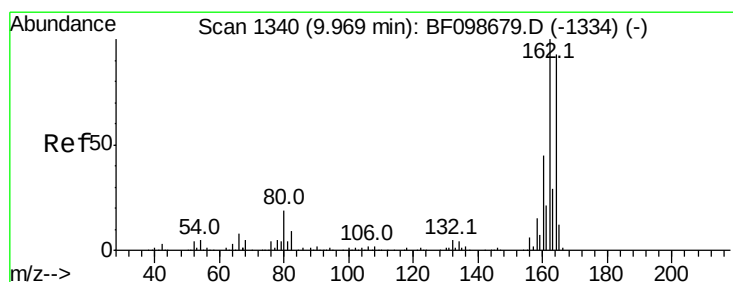
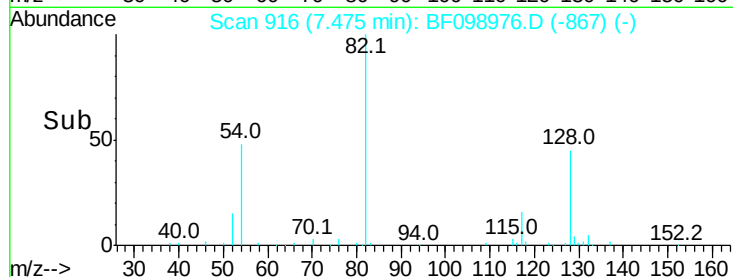
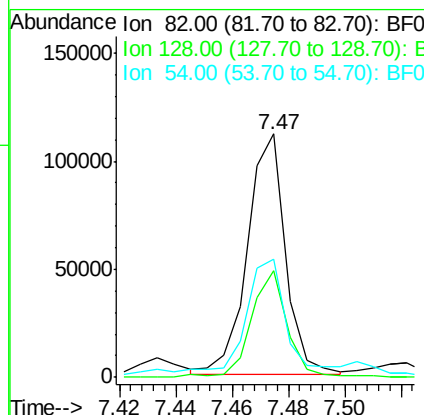
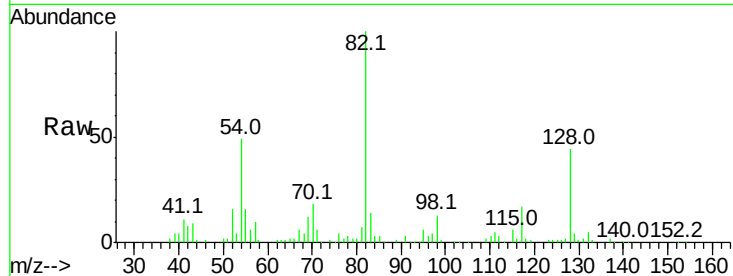
#23
 Nitrobenzene-d5
 Concen: 14.451 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098976.D
 Acq: 30 Sep 2017 21:30

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-092917-C

Tot Ion	82	Resp	103808
Ion Ratio	Lower	Upper	
82	100		
128	43.9	36.1	54.1
54	48.7	41.4	62.2

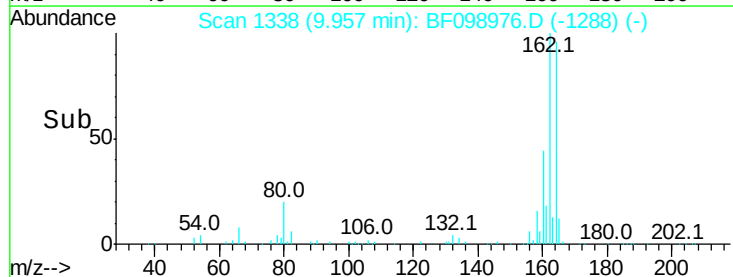
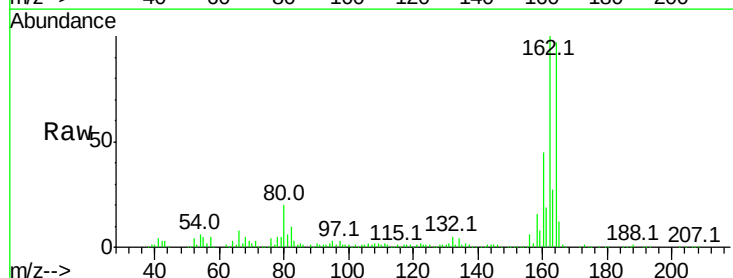
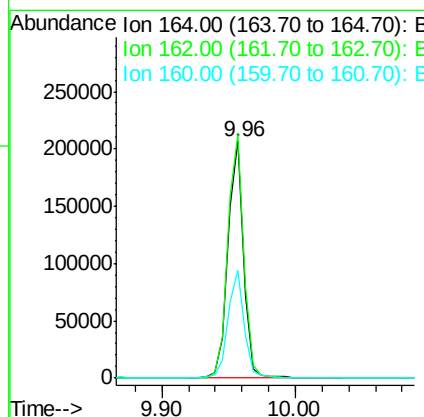
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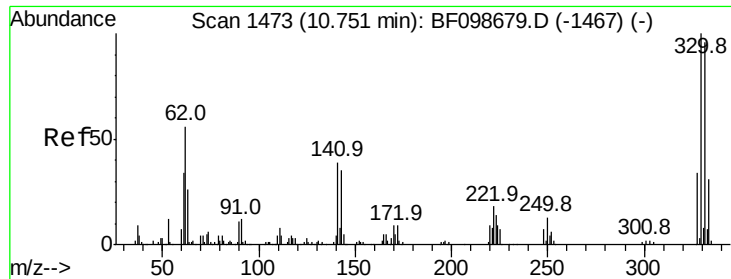
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098976.D
 Acq: 30 Sep 2017 21:30

Tgt Ion	164	Resp	172083
Ion Ratio	Lower	Upper	
164	100		
162	102.9	86.1	129.1
160	45.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 12.892 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF098976.D

Acq: 30 Sep 2017 21:30

Instrument :

BNA_F

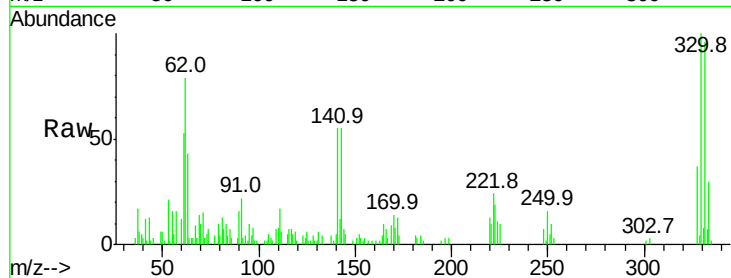
ClientSampled :

JC-03-092917-C

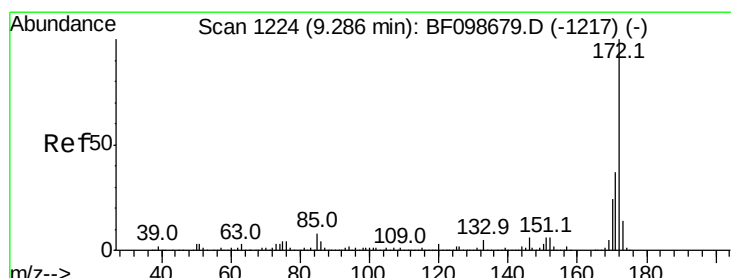
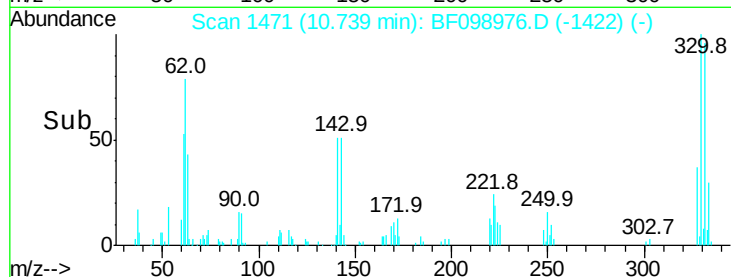
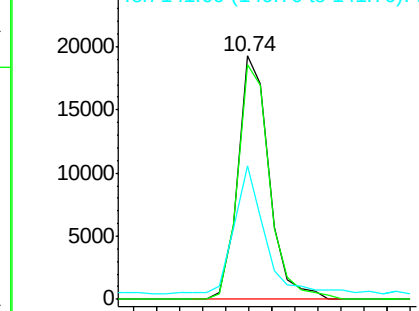
Tot Ion:	330	Resp:	18153
Ion Ratio	Lower	Upper	
330	100		
332	98.9	77.0	115.6
141	52.6	29.9	44.9#

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 18.662 ng

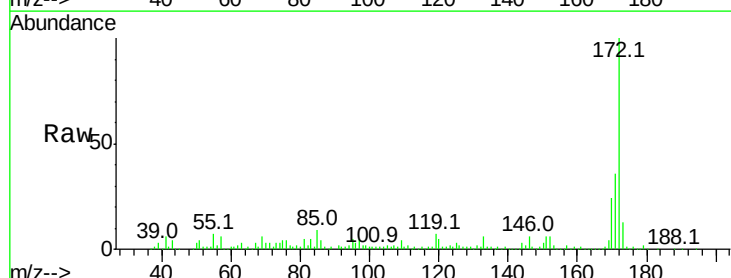
RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

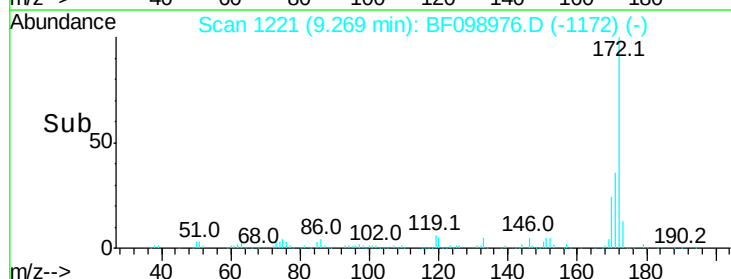
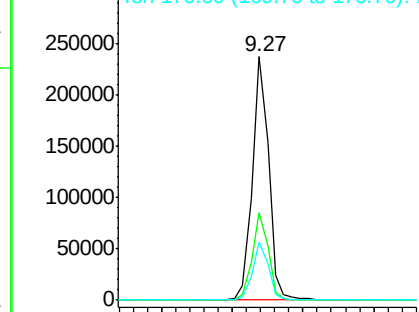
Lab File: BF098976.D

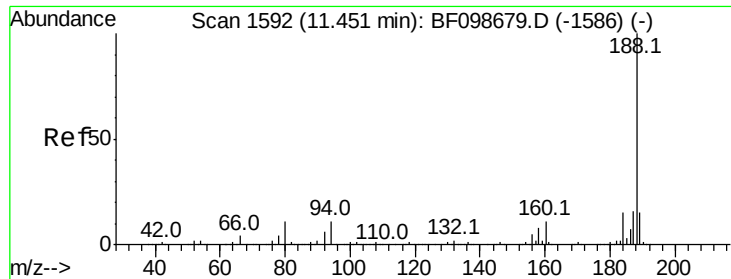
Acq: 30 Sep 2017 21:30

Tgt Ion:	172	Resp:	192368
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098976.D

Acq: 30 Sep 2017 21:30

Instrument :

BNA_F

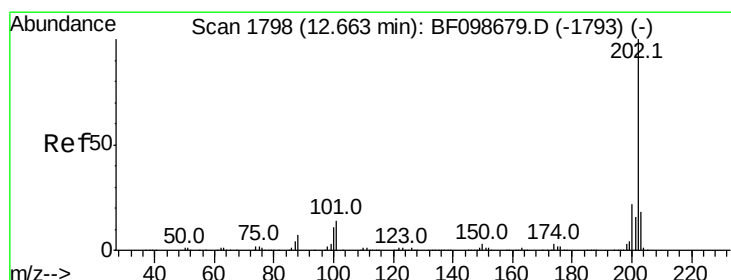
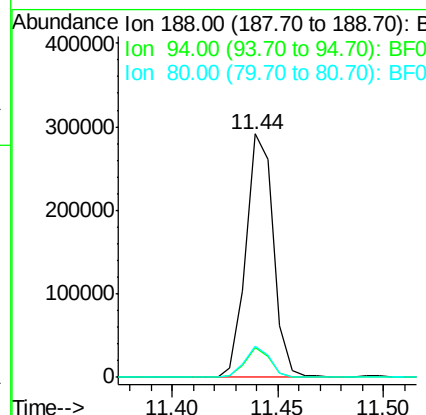
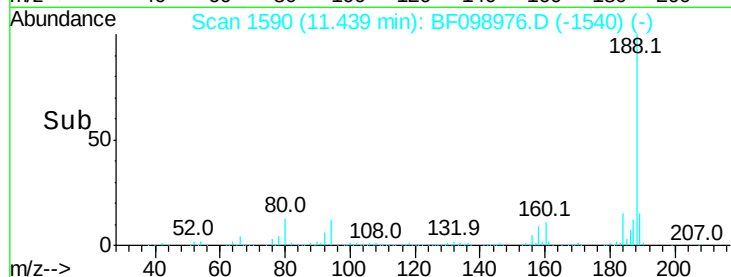
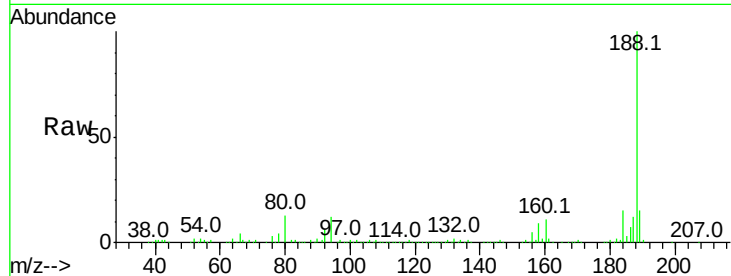
ClientSampleId :

JC-03-092917-C

Tot Ion:	188	Resp:	261827
Ion Ratio	Lower	Upper	
188	100		
94	12.1	8.5	12.7
80	12.7	9.2	13.8

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#74

Fluoranthene

Concen: 2.801 ng

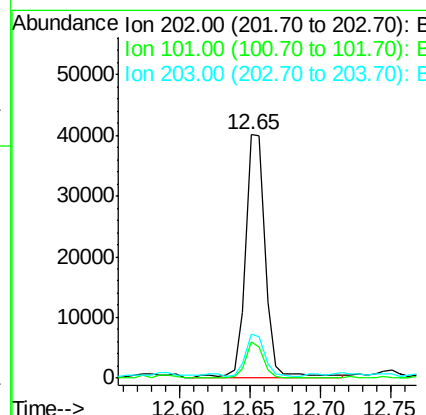
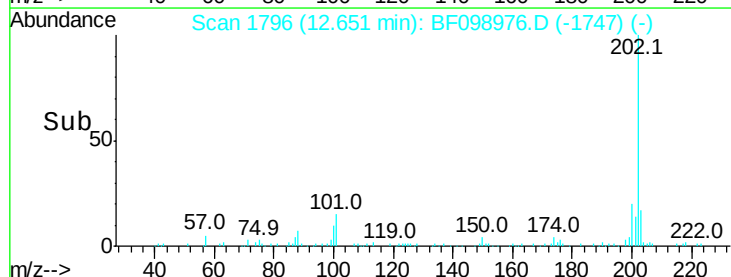
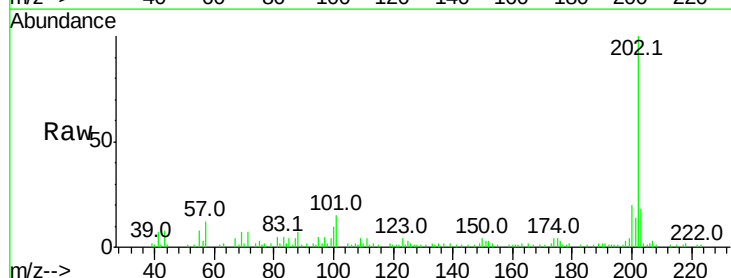
RT: 12.65 min Scan# 1796

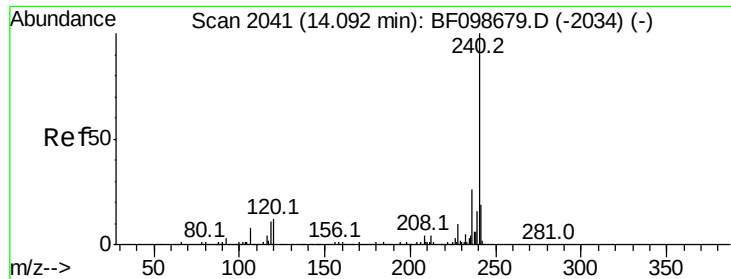
Delta R.T. -0.01 min

Lab File: BF098976.D

Acq: 30 Sep 2017 21:30

Tgt Ion:	202	Resp:	39744
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098976.D

Acq: 30 Sep 2017 21:30

Instrument :

BNA_F

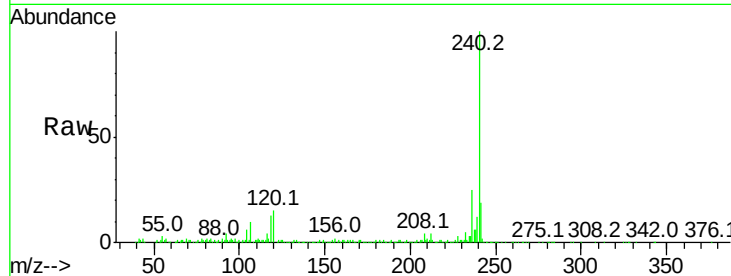
ClientSampleId :

JC-03-092917-C

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.5	9.5	14.3	
236	25.2	20.7	31.1	

Manual Integrations
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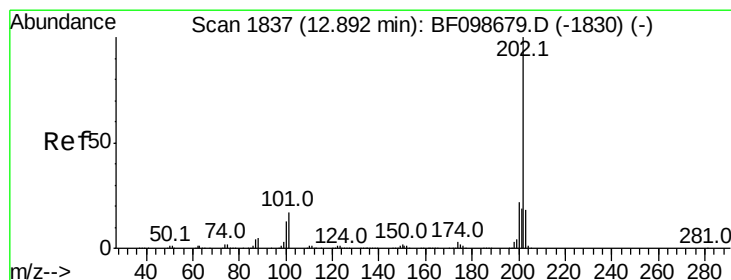
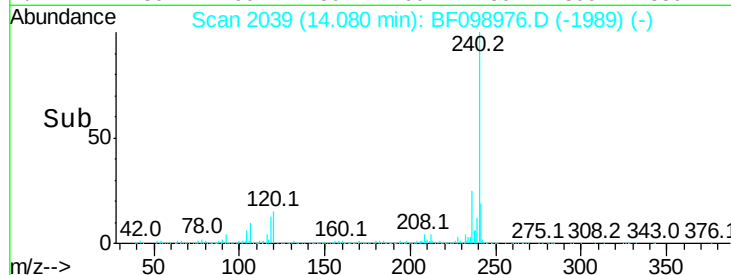
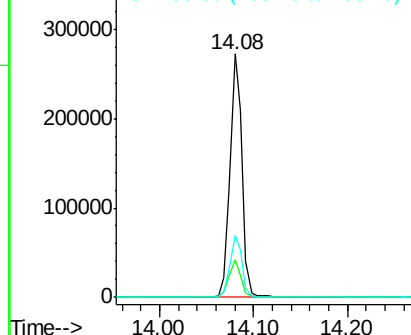
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.395 ng

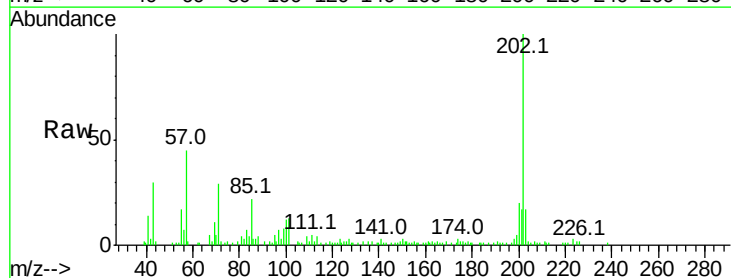
RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098976.D

Acq: 30 Sep 2017 21:30

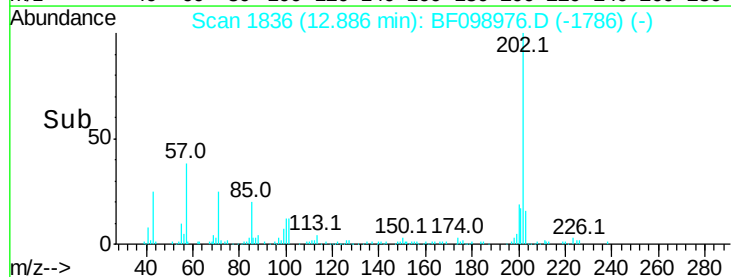
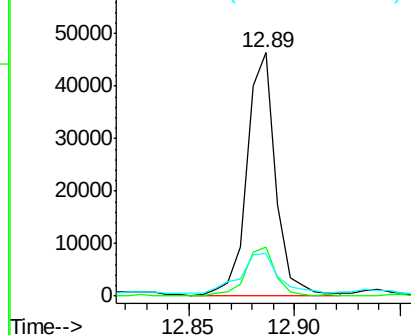
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.1	17.4	26.2	
203	17.3	14.3	21.5	

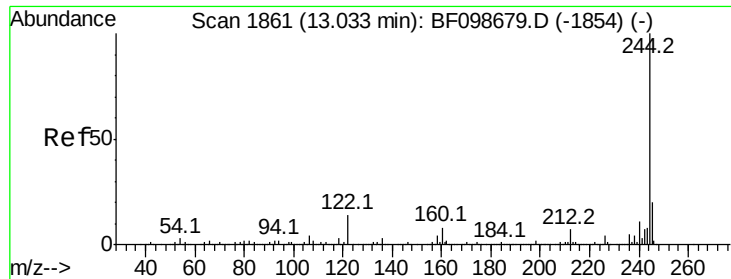


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 13.595 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098976.D

Acq: 30 Sep 2017 21:30

Instrument :

BNA_F

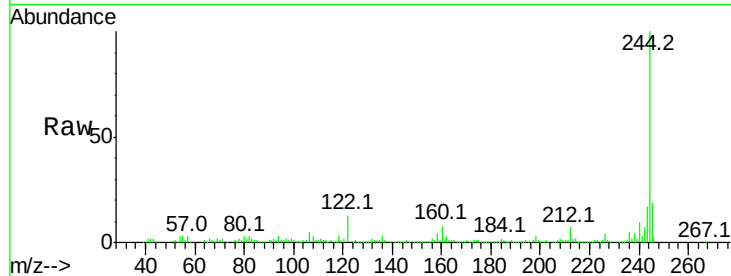
ClientSampleId :

JC-03-092917-C

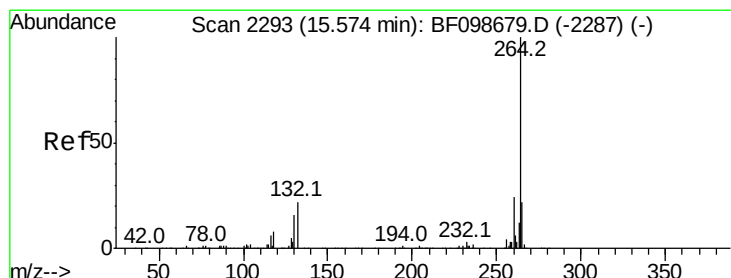
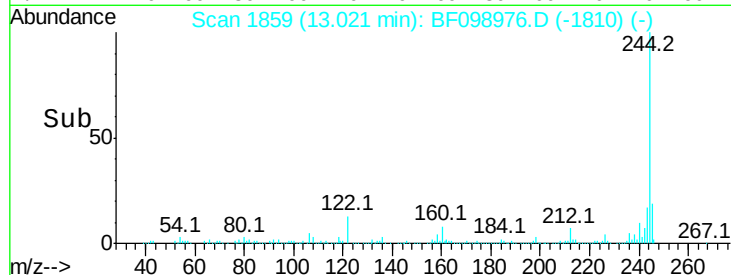
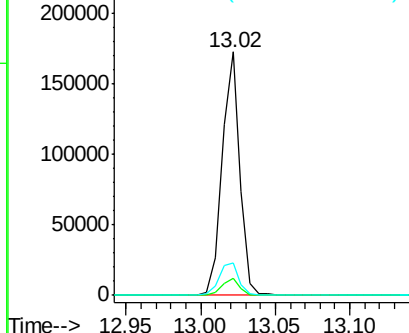
Tot Ion:	244	Resp:	144304
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	13.4	11.0	16.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF098976.D

Acq: 30 Sep 2017 21:30

Tgt Ion:	264	Resp:	163562
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.2	28.8
265	21.7	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

